RABI 2018-19 PRE-SOWING PRICE FORECAST OF MAIZE

Maize Price per Quintal will be around Rs. 1350-1550 at the Time of Harvesting (January to March 2019)

Maize (*Zea mays* L.) is a major staple food grain throughout the world. The United States of America is the largest producer of maize contributing nearly 34.91 percent of the world total production followed by China, Brazil, European Union, Argentina and India with 21.20 percent, 8.90 percent, 6.63 percent, 3.86 percent and 2.45 percent respectively.

In India, area under maize during rabi 2017-18 was 16.96 lakh hectares and the major maize growing states that contribute more than 80% of the total maize production are Karnataka (16.5%), Madhya Pradesh (5.7%), Maharashtra (9.1%), Rajasthan (9.9%), Bihar (8.9%), Uttar Pradesh (6.1%), Telangana (4.4%), Gujarat (4.39%) and Tamilnadu (4.03%).

In Telangana, the area under maize during rabi 2017-18 was 1.47 lakh hectares and the major maize growing districts are Nirmal, Kamareddy, Warangal (Rural), Warangal (Urban), Medak, Khammam, and Jagtial.

Maize production target (Kharif+Rabi) for 2017-18 had been set at 26 million tons. However, final estimate of maize production has been pegged at 28.72 million tons for 2017-18, up by 2.82 million tons from 4th Advance Estimate for 2016-17.

The Agricultural Market Intelligence Centre established under a research project for development of price forecasting mechanism in the Department of Agricultural Economics, College of Agriculture, Rajendranagar, Hyderabad at Professor Jayashankar Telangana State Agricultural University with the financial support of Agricultural Marketing Department, Telangana State has assessed 2018-19 rabi pre-sowing price forecast of maize. Under expected normal weather conditions and crop coverage, it is expected that the maize price per quintal will be around **Rs.1350-1550** at the time of harvesting (January to March 2019). This price forecast is based on the monthly modal price of maize obtained for 17 years from Badepalli regulated market using econometric models like ARIMA, SARIMA, ARCH, GARCH and ANN and also the market survey.

Note: There may be any possible deviation of the actual prices from the predicted prices in light of tentative developments in the commodity markets such as change in international prices, export or import restrictions, etc. And these price forecasts are based on past market price data & different econometric models and that actual market price may not turn out to be the same as forecasted.